

Important dates

- Online abstract submission system open **5 Dec. 2013**
- Abstract submission deadline **5 Feb. 2014**
- Notification of acceptance **25 Mar. 2014**
- Early bird registration deadline **25 Jun. 2014**
- Online registration close **12 Aug. 2014**

Registration fees

Early Bird Before 25 June 2014	Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥55,000
	Non - Member	¥65,000
	Student Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥30,000
	Student Nonmember	¥40,000
General After 26 June 2014	Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥65,000
	Non - Member	¥75,000
	Student Member of IUMRS or MRS-J / Member of Academic Societies in Cooperation	¥40,000
	Student Nonmember	¥50,000

*Banquet: ¥8,000 / Hotel New Otani Hakata per person (Not included in the registration fee)

Venue

Fukuoka University

8-19-1 Nanakuma, Jonan-ku, Fukuoka 814-0180, JAPAN

http://www.fukuoka-u.ac.jp/english/pdf/E-15Access_Map.pdf



Schedule at a glance

	24 Aug. (Sun)	25 Aug. (Mon)	26 Aug. (Tue)	27 Aug. (Wed)	28 Aug. (Thu)	29 Aug. (Fri)	30 Aug. (Sat)
9:00		Opening ceremony					
10:00		Plenary 1	Technical symposia 5	Technical symposia 7	Technical symposia 9	Technical symposia 13	Seminar for the general public
11:00		Technical symposia 1	Plenary 2	Technical symposia 8	Plenary 3	Technical symposia 14	
12:00		Lunch	Lunch	Lunch	Lunch	Lunch	
13:00						Technical symposia 15	Facility tour
14:00		Technical symposia 2	Technical symposia 6	Facility tour		Technical symposia 16	
15:00		Technical symposia 3	Poster session 2		Technical symposia 10	Technical symposia 11	
16:00		Technical symposia 4			Technical symposia 12	Farewell party	
17:00	Registration & Welcome reception						
18:00		Poster session 1	Poster session 3	Banquet	Poster session 4		
19:00							

Second Announcement



24 ▶ 30 August 2014

IUMRS-ICA

International Union of Materials Research Societies-
The IUMRS International Conference in Asia 2014

<http://www.iumrs-ica2014.org/>



Dates : 24-30 August 2014

Venue : Fukuoka University, Fukuoka, Japan

Organized by : MRS-J in collaboration with JSAP Kyushu Chapter

Co-organized by : Fukuoka City
Fukuoka University

Supported by : Ministry of Education, Culture, Sports, Science
and Technology, Japan

Secretariat : MRS-J Office

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Scope

For solving the environmental problems arisen from the exponential development of industries especially in the Asian region, IUMRS-ICA 2014 aims to establish close relationships between the researchers developing the advanced materials and those seeking for the sustainable society, who have got no chance to be acquainted with each other.

Symposia & Forums

A. Technologies for the Environment and the Sound Material-Cycle Society

- A-1 Analytical and Assessment Methods in Materials and Environmental Technologies
- A-2 International Symposium on the Social Acceptance of Engineered Nanomaterials
- A-3 Materials Technology Inspired by Natural Phenomena and Natural Materials
- A-4 Advances in the Application of Biomass
- A-5 Materials for Living – Environment • Energy • Medicine –
- A-6 Autonomous Micro Systems for Life, Green and Safety
- A-7 Design of Advanced Fuel Cell Materials, Devices and Systems
- A-8 Photocatalytic Materials and Applications on Energy and Environment
- A-9 Cutting-edge Thermoelectric Materials for Heat-to-Electricity Direct Conversion
- A-10 Environmental Friendly Carbon Films and their Deposition Technology
- A-11 Sustainable Mobility Materials

B. Technologies for Human-Friendly Materials

- B-1 Biomaterials and Biomimetic Materials
- B-2 Ceramic Materials for Biomedical Applications
- B-3 Materials in Biomechanics and Biotribology
- B-4 Nano-biotechnologies on Interfaces
- B-5 Advanced Study in Science and Technology for Soft Matter
- B-6 Advanced Liquid Crystals
- B-7 Soft Actuators and Related Energy-Conversion Materials
- B-8 Chemical Sensing and Sensor Devices for Chemical Space Information
- B-9 Next-generation Organic Electronics Aiming towards Energy Harvesting
- B-10 Molecular Thin Films
- B-11 Energy and Green Materials
- B-12 Functional Self-Organized Materials

C. Advanced Materials for Eco-technology

- C-1 Magnetic Materials and Spintronics
- C-2 Mechanical Properties of Steels
- C-3 Nitride and Diamond Semiconductors
- C-4 Innovation for Highly Reliable Advanced Ceramics
- C-5 Damage and Failure Mechanics of Engineering Materials
- C-6 Frontiers in Plasmonic Nanomaterials
- C-7 Graphene
- C-8 Advanced Oxide Materials – Bulks, Thin Films, and Nanostructures
- C-9 Recent Advances in Superconductivity – Materials, Processing, and Applications
- C-10 Advanced Ferroic Materials: Processing, Characterization and Device Application
- C-11 Nano-Scale Functional Materials: Advanced Syntheses, Characterization, Functions, and Applications

Chairperson of IUMRS-ICA2014

Atsushi SUZUKI, Yokohama National University

General Secretary of IUMRS-ICA2014

Kazuhiro HARA, Kyushu University

D. Fabrication, Processing and Characterization Technologies for Advanced Materials

- D-1 Innovative Material Technologies Utilizing Ion Beams
- D-2 Frontier of Nano-Materials Based on Advanced Plasma Technologies
- D-3 Synthesis, Processing and Characterization of Nanoscale Functional Materials
- D-4 Fabrication of Thin Films
- D-5 Control of Interfaces and Materials Processing for Nanoelectronics
- D-6 Novel Functionalities by Cooperative Excitations
- D-7 Functional Surface Science & Engineering
- D-8 Three-dimensional Microfabrication and MEMS
- D-9 Scientific Basis of the Nuclear Fuel Cycle II
- D-10 Innovative Imaging Technologies using X-ray Scattering and Atom Probe Microscopy
- D-11 Development of Environmentally Friendly Processes and Materials – Including Solution Processes and Their Applications –
- D-12 Advances in Computational Materials Science and Technology
- D-13 Advanced Nanoparticles- Synthesis, Characterization and Applications

E. Interdisciplinary Field

- E-1 Materials Frontier

F. Education of Materials Sciences and Technologies

- F-1 Materials Science and Education

G. Special Symposium

- G-1 Crystallography in Materials Science & Engineering-Memorial for IYCr2014

Forums : FR-1 Outreach and ICT Based Education in the Materials Science and Technology
FR-2 Materials, Environment and Water

Awards

★ Young Scientist Awards in IUMRS-ICA2014

Young Scientist Awards in IUMRS-ICA2014, consisting of gold, silver and bronze awards, are intended to honor and encourage outstanding young scientists whose academic achievements and current research works demonstrate a high level of excellence and distinction. The IUMRS-ICA2014 committees seek to recognize young scientists with outstanding and exceptional abilities showing great potentials toward significant future progress in a variety of research fields, which are widely covered in IUMRS-ICA2014.

- Gold Award : A certificate of the Award and 300 USD, Silver award : A certificate of the Award, Bronze award : A certificate of the Award
- Approximately 2 gold-award winners, 3 silver-award winners and 5 bronze-award winners may be selected in this conference.

★ Award for Encouragement of Research in IUMRS-ICA2014

Award for Encouragement of Research in IUMRS-ICA2014 is intended to honor young researchers who have delivered excellent presentations (oral or poster presentation) in IUMRS-ICA2014 for encouragement of future progress of the award winners.



Chair of Local Steering Committee

Nobuyasu HIRAMATSU, Fukuoka University

Vice Chair of Local Steering Committee

Atsushi KOHNO, Fukuoka University

Plenary Lectures

- **Prof. C.N.R. RAO**, National Research Professor, Linus Pauling Research Professor & Honorary President, Jawaharlal Nehru Centre for Advanced Scientific Research
- **Prof. Richard C. FLAGAN**, Executive Officer of Chemical Engineering Irma and Ross McCollum-William H. Corcoran Professor of Chemical Engineering and Professor of Environmental Science & Engineering
- **Prof. Yasushi MATSUFUJI**, Fukuoka University, Faculty of Engineering
- **Dr. Atsushi TERAZONO**, National Institute for Environmental Studies, Center for Material Cycles and Waste Management Research (International Material Cycles Research Section), Head
- **Prof. Masahiro YOSHIMURA**, National Cheng Kung University, Distinguished Chair Professor & Tokyo Institute of Technology, Professor Emeritus
- **Prof. Zuoren NIE**, Vice President, Beijing University of Technology

Publication

- All presentations in IUMRS-ICA 2014 are invited to submit papers in Transactions of the Materials Research Society of Japan as regular papers or review papers.
- Publication fee for a standard-length paper up to 4 pages is 25,000yen.
- For invited talk, publication fee for a standard-length paper up to 6 pages is 25,000yen. For both cases, 10,000yen would be added for each additional page.

★For more details, please visit <http://www.iumrs-ica2014.org/publication.php>.